CLAIMS

What is claimed is:

- 1 1. A method comprising:
- 2 receiving a search request containing search criteria
- 3 from a first user, the search criteria including at least
- 4 one search category;
- 5 determining filter search specification associated
- 6 with the at least one search category, the filter search
- 7 specification being used to specify a particular type of
- 8 records to be selected for the search request; and
- 9 performing a search based upon the filter search
- 10 specification and the search criteria to identify records
- 11 that match filter search specification and the search
- 12 criteria.
- 1 2. The method of claim 1 wherein performing the search
- 2 includes:
- 3 constructing a search query based on the search
- 4 criteria and the filer search specification; and
- 5 executing the search query to select records that
- 6 match the search criteria and the filer search
- 7 specification.
- 1 3. The method of claim 2 further including:
- 2 generating search results based on the records
- 3 selected; and
- 4 displaying the search results to the first user.
- 1 4. The method of claim 1 further including:

- 2 determining the first user's organizational
- 3 identifier, the first user's organizational identifier
- 4 being used to specify a corresponding organization to
- 5 which the first user belongs.
- 1 5. The method of claim 4 wherein performing the search
- 2 includes:
- 3 constructing a search query based on the first user's
- 4 organizational identifier, the filter search
- 5 specification, and the search criteria; and
- 6 executing the search query to select records that
- 7 match the first user's organizational identifier, the
- 8 filter search specification, and the search criteria.
- 1 6. The method of claim 1 further including:
- determining a list of categories to which the first
- 3 user is authorized to access.
- 1 7. The method of claim 6 wherein performing the search
- 2 includes:
- 3 constructing a search query based on the list of
- 4 categories to which the first user is authorized to
- 5 access, the filter search specification, and the search
- 6 criteria; and
- 7 executing the search query to select records that
- 8 match the list of categories, the filter search
- 9 specification, and the search criteria.
- 1 8 A system comprising:

- 2 logic to receive a search request containing search
- 3 criteria from a first user, the search criteria including
- 4 at least one search category;
- 5 logic to determine filter search specification
- 6 associated with the at least one search category, the
- 7 filter search specification being used to specify a
- 8 particular type of records to be selected for the search
- 9 request; and
- 10 logic to perform a search based upon the filter
- 11 search specification and the search criteria to identify
- 12 records that match filter search specification and the
- 13 search criteria.
- 1 9. The system of claim 8 wherein logic to perform the
- 2 search includes:
- 3 logic to construct a search query based on the search
- 4 criteria and the filer search specification; and
- 5 logic to execute the search query to select records
- 6 that match the search criteria and the filer search
- 7 specification.
- 1 10. The system of claim 8 further including:
- 2 logic to determine the first user's organizational
- 3 identifier, the first user's organizational identifier
- 4 being used to specify a corresponding organization to

- 5 which the first user belongs.
- 1 11. The system of claim 10 wherein the logic to perform
- 2 the search includes:

HIHILI II III II III

- 3 logic to construct a search query based on the first
- 4 user's organizational identifier, the filter search
- 5 specification, and the search criteria; and
- 6 logic to execute the search query to select records
- 7 that match the first user's organizational identifier, the
- 8 filter search specification, and the search criteria.
- 1 12. The system of claim 8 further including:
- logic to determine a list of categories to which the
- 3 first user is authorized to access.
- 1 13. The system of claim 12 wherein logic to perform the
- 2 search includes:
- 3 logic to construct a search query based on the list
- 4 of categories to which the first user is authorized to
- 5 access, the filter search specification, and the search
- 6 criteria; and
- 7 logic to execute the search query to select records
- 8 that match the list of categories, the filter search
- 9 specification, and the search criteria.
- 1 14. A machine-readable medium comprising instructions
- 2 which, when executed by a machine, cause the machine to
- 3 perform operations including:
- 4 receiving a search request containing search criteria
- 5 from a first user, the search criteria including at least
- 6 one search category;
- 7 determining filter search specification associated
- 8 with the at least one search category, the filter search

- 9 specification being used to specify a particular type of
- 10 records to be selected for the search request; and
- 11 performing a search based upon the filter search
- 12 specification and the search criteria to identify records
- 13 that match filter search specification and the search
- 14 criteria.
- 1 15. The machine-readable medium of claim 14 wherein
- 2 performing the search includes:
- 3 constructing a search query based on the search
- 4 criteria and the filer search specification; and
- 5 executing the search query to select records that
- 6 match the search criteria and the filer search
- 7 specification.
- 1 16. The machine-readable medium of claim 14 further
- 2 including:
- 3 determining the first user's organizational
- 4 identifier, the first user's organizational identifier
- 5 being used to specify a corresponding organization to
- 6 which the first user belongs.
- 1 17. The machine-readable medium of claim 16 wherein
- 2 performing the search includes:
- 3 constructing a search query based on the first user's
- 4 organizational identifier, the filter search
- 5 specification, and the search criteria; and
- 6 executing the search query to select records that
- 7 match the first user's organizational identifier, the
- 8 filter search specification, and the search criteria.

- 1 18. The machine-readable medium of claim 14 further
- 2 including:
- determining a list of categories to which the first
- 4 user is authorized to access.
- 1 19. The machine-readable medium of claim 18 wherein
- 2 performing the search includes:
- 3 constructing a search query based on the list of
- 4 categories to which the first user is authorized to
- 5 access, the filter search specification, and the search
- 6 criteria; and
- 7 executing the search query to select records that
- 8 match the list of categories, the filter search
- 9 specification, and the search criteria.
- 1 20. A method comprising:
- 2 receiving a search request containing search criteria
- 3 from a first user, the search criteria including at least
- 4 one search category;
- 5 determining filter search specification associated
- 6 with the at least one search category;
- 7 determining the first user's organizational
- 8 identifier, the first user's organizational identifier
- 9 being used to specify a corresponding organization to
- 10 which the first user belongs; and
- 11 performing a search based upon the first user's
- 12 organizational identifier, the filter search
- 13 specification, and the search criteria to identify records

- 14 that match the first user's organizational identifier, the
- 15 filter search specification and the search criteria.
- 1 21. The method of claim 20 wherein performing the search
- 2 includes:
- 3 constructing a search query based on the first user's
- 4 organizational identifier, the filter search
- 5 specification, and the search criteria; and
- 6 executing the search query to select records that
- 7 match the first user's organizational identifier, the
- 8 filter search specification, and the search criteria.
- 1 22. A method comprising:
- 2 receiving a search request containing search criteria
- 3 from a first user, the search criteria including at least
- 4 one search category;
- 5 determining filter search specification associated
- 6 with the at least one search category;
- 7 determining a list of categories to which the first
- 8 user is authorized to access; and
- 9 performing a search based upon the list of categories
- 10 the first user is authorized to access, the filter search
- 11 specification, and the search criteria to identify records
- 12 that match the list of categories, the filter search
- 13 specification and the search criteria.
- 1 23. The method of claim 22 wherein performing the search
- 2 includes:
- 3 constructing a search query based on the list of
- 4 categories to which the first user is authorized to

- 5 access, the filter search specification, and the search
- 6 criteria; and
- 7 executing the search query to select records that
- 8 match the list of categories, the filter search
- 9 specification, and the search criteria.
- 1 24. A machine-readable medium comprising instructions
- 2 which, when executed by a machine, cause the machine to
- 3 perform operations including:
- 4 receiving a search request containing search criteria
- 5 from a first user, the search criteria including at least
- 6 one search category;
- 7 determining filter search specification associated
- 8 with the at least one search category;
- 9 determining the first user's organizational
- 10 identifier, the first user's organizational identifier
- 11 being used to specify a corresponding organization to
- 12 which the first user belongs; and
- performing a search based upon the first user's
- 14 organizational identifier, the filter search
- 15 specification, and the search criteria to identify records
- 16 that match the first user's organizational identifier, the
- 17 filter search specification and the search criteria.
- 1 25. The machine-readable medium of claim 25 wherein
- 2 performing the search includes:
- 3 constructing a search query based on the first user's
- 4 organizational identifier, the filter search
- 5 specification, and the search criteria; and

BEILER

HIRE IN THE ENGINEER OF THE PARTY OF THE PAR

- 6 executing the search query to select records that
- 7 match the first user's organizational identifier, the
- 8 filter search specification, and the search criteria.
- 1 26. A machine-readable medium comprising instructions
- 2 which, when executed by a machine, cause the machine to
- 3 perform operations including:
- 4 receiving a search request containing search criteria
- 5 from a first user, the search criteria including at least
- 6 one search category;
- 7 determining filter search specification associated
- 8 with the at least one search category;
- 9 determining a list of categories to which the first
- 10 user is authorized to access; and
- 11 performing a search based upon the list of categories
- 12 the first user is authorized to access, the filter search
- 13 specification, and the search criteria to identify records
- 14 that match the list of categories, the filter search
- 15 specification and the search criteria.
- 1 27. The machine-readable medium of claim 26 wherein
- 2 performing the search includes:
- 3 constructing a search query based on the list of
- 4 categories to which the first user is authorized to
- 5 access, the filter search specification, and the search
- 6 criteria; and
- 7 executing the search query to select records that
- 8 match the list of categories, the filter search

78//74

9 specification, and the search criteria.